

## 32-4694: Recombinant Human Ribosomal Protein S2

**Alternative Name :** Ribosomal Protein S2, Protein LLRep3, 40S Ribosomal Protein S4, 40S Ribosomal Protein S2, LLREP3, OK/KNS-cl.6, S2, RPS4.

### Description

Source : Escherichia Coli. RPS2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (1-293aa) and having a molecular mass of 33.7kDa. RPS2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ribosomal protein S2, (RPS2) is a member of the S5P family of ribosomal proteins. Ribosomes, the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Jointly these subunits are composed of 4 RNA species and approximately 80 structurally different proteins. RPS2 is a ribosomal protein which is a component of the 40S subunit. RPS2 located in the cytoplasm. RPS2 shares sequence similarity with mouse LLRep3. RPS2 has been associated with diamond-blackfan anemia, and herpes simplex.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** RPS2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMADDAGA AGGPGGPGGP GMGNRGGFRG GFGSGIRGRG  
RGRGRGRGRG RGARGGKAED KEWMPVTKLG RLVKDMKIKS LEEIYLFSLP IKESIIDFF LGASLKDEVL  
KIMPVQKQTR AGQTRFKAF VAIGDYNGHV GLGVKCSKEV ATAIRGAIL AKLSIVPVRG GYWGNKIGKP  
HTVPCKVTGR CGSVLVRLLIP APRGTGIVSA VPKKLLMMA GIDDCYTSAR GCTATLGNFA KATFDAISK  
YSYLTPLDWK ETVFTKSPYQ EFTDHLVKTH TRVSVQRTQA PAVATT

